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**G06K 17/00**(21)Application number : **61-301006**(71)Applicant : **STAR SEIMITSU KK**(22)Date of filing : **17.12.1986**(72)Inventor : **MATSUURA NORIO****(54) DATA TRANSFER FOR SEMICONDUCTOR DATA CARRIER SYSTEM**

(57)Abstract:

**PURPOSE:** To allow the titled system to cope flexibly with various operation mode change with simple structure of the employed device and small size by amplitude-modulating a carrier by using a data information signal and sending the data from an antenna so as to be free from the positioning to a storage medium.

**CONSTITUTION:** A bar code reader arranged at part of an outer wall of a case 10 reads data information subject to bar code processing. A data write section 3 of a scanner to give/receive a data to/from a semiconductor storage medium 13 consists of a coil and amplitude-modulates the carrier being a multiple of a clock frequency by using a data information signal and gives the result to the storage medium 13 thereby sending the power, clock and write data through one coil. A data read section 4 of the scanner receives an electromagnetic wave sent through the antenna from the storage medium 13 to read the data information. Thus, the data write section 3 of the scanner has only to be approached to transfer the data.

